

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Previously presented) An apparatus for sorting products such as fruits, the apparatus comprising,
 - an endless conveyor, for instance a chain,
 - conveying units for conveying the products, all one behind the other in a conveying direction and situated in a substantially horizontal plane, each connected with the conveyor, and each for conveying a single product, wherein each conveying unit is formed by
 - at least two rolling elements with the axes perpendicular to the conveying direction, for instance diabolo-like rolling elements,
 - a connecting element by which each rolling element is rotatably and vertically movably connected with the conveyor, and
 - a carrier element arranged between the rolling elements, while at least in an inspection position each product is situated on two successive rolling elements and in a weighing position each product is situated on said carrier element, and each carrier element is connected with moving means for moving the carrier element to and from the weighing position, and with discharge guide means for the movement to and from a discharge position for laterally discharging the product onto an output apparatus, characterized in that the discharge guide means only are in the discharge position when they are energized by energizing means, and that a said carrier automatically returns to the conveying position.
2. (Previously presented) An apparatus according to claim 1, characterized in that the discharge guide means comprise a leaf spring, wherein the leaf spring is in a rest position in the case of conveyance and weighing, and has a deflection only upon movement to and from the discharge position.

3. (Original) An apparatus according to claim 2, characterized in that the leaf spring upon energization at discharge, from said rest position, undergoes deflections lateral and perpendicular relative to the conveying direction, whereby the respective carrier element tilts laterally accordingly.

4. (Currently Amended) An apparatus according to ~~any one of the preceding claims~~ claim 1, characterized in that the energizing means comprise raising guide means, arranged on at least one of the sides of the conveyor, intended for guiding upwards and raising said side of the carrier element and thereby tilting the carrier element, whereby a product situated on such a carrier element is discharged on the side other than said side.

5. (Currently Amended) An apparatus according to ~~any one of the preceding claims~~ claim 1, characterized in that the moving means comprise two hinging members.

6. (Currently Amended) An apparatus according to ~~any one of the preceding claims~~ claim 1, characterized in that a carrier element and a connecting element each comprise a fitting part so that both elements are fixed in the weighing position and in the conveyance position.